COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I	hereby declare that:
My residence, post office add	ress and differentian are as stated below part to my name, and I
verily delieve that I am the original, ti	IST and sole inventor if only one name is listed below, or as
Onginal, first and loint inventor if olim	of inventors are named below, of the autient matter which is
claimed and for which a patent is sou	IGht on the invention entitled: USING PSFLIDO.PINS IN
GENERATING SCAN TEST VECTO	RS FOR TESTING AN EMPEDDED CORE WHILE
MAINTAINING THE IP CONTAINED	THEREIN, which:
(a) X is attac	hed haroto
(b) was file	d on as Serial No
(c) was de	scribed and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19
OII IT ANVI	·
I have reviewed and undoreto	and the contents of the above identified openification, traducting the
CIGILIES AS SILIGUOED DA SUA SILIGUAÇÃO	In specifically referred to in the neth or declaration:
No application for patent or in	rontoro confilient, car this tements as ince tunes must but but by the AFAU May
Hayai representatives or assigns in an	iv country foreign to the United States of America:
I acknowledge the duty to disc	close information which is material to the notantability of this
application in accordance with Title 3	7. Code of Federal Regulations Section 1 56/e).
I nereby claim that benefit und	ler Title 35. United States Code Section 120 of any Linitari States
approxitions asted derow and, insofar	88 the subject matter of each of the claims of this application is
not disclosed in the prior United State	16 SUDJECTION in the manner provided by the first name and of
1109 35, United States Code, Section	112. Commission the district disclose metarial information as
DESIDED IN THE 37, COME AT FERIORS F	Regulations Continue 1.60(a) which consent testensing the minut
date of the prior application and the n	ational or PCT international filing date of this application:
Serial No.	. filed on
As a named inventor, I hereby	appoint the following attorneys to prosper the application and
transact all business in the Patent and	d Trademark Office connected therewith:
Practitioners at Cus	stomer Number: 23494
Send correspondence and dire	act telephone celle to:
W. Daniel Swayze, Jr.	· · · · · · · · · · · · · · · · · · ·
Texas Instruments Inco	omorated
PO Box 655474, M/S 3	ooo
Dalas, Texas 75265	A33
(000) 0.000	
I further dealers that all access	belief are believed to be true; and further that these statements
Statements made on information and	belief are believed to be true; and further that those expression
were made with the knowledge that w	illful false statements and the like so made are punishable by fine
or imprisonment, or both under Section	n 1001 of Title 18 of the United States Code, and that such willful
statements may be partited the validity	of the application or any patent issuing thereon.
y parale valon	or the application of any patent issuing thingon,
Name of Inventor:	Srinivasa Chakravarthy
Residence and Post Office Address:	#129 16 th Main Department Co It Do
The same of the Address:	
Country of Citizenship:	Bangalore 560 050 India
occinity or contensing.	india
Inventor's signature	B. S. C. S. S. A.
HARLINY SERRIBUAR.	TO THE PROPERTY OF THE PARTY OF THE PROPERTY OF THE PARTY
	A. S. Sai in - 10 21 - V and My come. 3 Many Rivel

BEST AVAILABLE COPY

Residence and Post Office Address:	B1-402 Rifco Aruna Apartments, 59 HAL Konea Agrahara Bangalore, 560 017 India	
Country of Citizenship:	India	
Inv ntor's signature:		Date:
Name of Inventor:	Julio C. Hemandez	
Residence and Post Office Address:	19 Plushstone	
	Rancho Santa Margarita, California 92688	USA
Country of Citizenship:	USA	
•		
Inventor's signature:		Date:
Name of Inventor:	Kenneth M. Butler	
Residence and Post Office Address:	4700 Winter Park Drive	
	Richardson, Texas 75082-3849 USA	
Country of Citizenship:	USA	
Inventor's signature:		Date:

Docket No. TI-29660

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I h reby declare that: My residence, post office address and citizenship are as stated below next to my name, and I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled: USING PSEUDO-PINS IN GENERATING SCAN TEST VECTORS FOR TESTING AN EMBEDDED CORE WHILE MAINTAINING THE IP CONTAINED THEREIN, which: is attached hereto. (a) as Serial No. was filed on _____ (b) was described and claimed in PCT International Application No. (c) and as amended under PCT Article 19 (if any). I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment specifically referred to in the oath or declaration; No application for patent or inventor's certificate on this invention has been filed by me or by my legal representatives or assigns in any country foreign to the United States of America; I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations Section 1.56(a); I hereby claim that benefit under Title 35, United States Code Section 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: , filed on Serial No. As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Practitioners at Customer Number: 23494 Send correspondence and direct telephone calls to: W. Daniel Swayze, Jr. Texas Instruments Incorporated PO Box 655474, WS 3999 Dallas, Texas 75265 (972) 917-5633 . I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon. Srinivasa Chakravarthy Name of Inventor. #138, 16th Main, Banashankari I Stage, Il Block, Residence and Post Office Address: Bangalore 560 050 India Country of Citizenship: India Date: Inventor's signature:

Page 1 of 2

Rubin A. Parekhji	
E1-402 Rifoo Aruna Apartments, 59 HA	L Konea Agrahara
Sangacre 560 017 India	
Braully	Date APRIL 30 2001
Julio C. Hernandez 15 Plushatone Rancho Senta Mangarità, California 925 USA	588 USA
•	Date:
Karmeth M. Butler 47:00 Winter Park Drive Richardson, Texas 75082-3846 USA USA	
	Date:

Page 2 of 2

Docket No. TI-29660

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I he	ereby declare that:
My residence, post office addres	ss and citizenship are as stated below next to my name, and I
verily believe that I am the original, first	and sole inventor if only one name is listed below, or an original,
first and joint inventor if plural inventors	are named below, of the subject matter which is claimed and
for which a patent is sought on the inve	intion entitled: USING PSEUDO-PINS IN GENERATING SCAN
TEST VECTORS FOR TESTING AN E	MBEDDED CORE WHILE MAINTAINING THE IP CONTAINED
THEREIN which	
(a) X is attache	d hereto
(b) was filed:	on as Serial No
(b) #88 1100	on as Serial No ribed and claimed in PCT International Application No.
(C) was desc	and as amended under PCT Article 19
IREC OII	did as differed diddi (O1 Filedo 10
on (if any).	d the contexts of the above identified enecification including the
nave reviewed and understant	d the contents of the above identified specification, including the
claims as amended by any amendmen	t specifically referred to in the oath or declaration;
No application for patent or inve	entor's certificate on this invention has been filed by me or by my
legal representatives or assigns in any	country foreign to the United States of America;
I acknowledge the duty to disck	ose information which is material to the patentability of this
application in accordance with Title 37,	Code of Federal Regulations Section 1.56(a);
I hereby claim that benefit unde	r Title 35, United States Code Section 120 of any United States
applications listed below and, insofar a	s the subject matter of each of the claims of this application is
not disclosed in the prior United States	application in the manner provided by the first paragraph of
Title 35, United States Code, Section 1	12, I acknowledge the duty to disclose material information as
defined in Title 37. Code of Federal Re	gulations, Section 1.56(a) which occurred between the filing date
of the prior application and the national	or PCT international filing date of this application:
Social No.	filed on
As a named inventor 1 hereby	appoint the following attorneys to prosecute this application and
transact all husiness in the Patent and	Trademark Office connected therewith:
Practitioners at Cust	
Send correspondence and dire	ct telephone caus to:
W. Daniel Swayze, Jr.	
Texas instruments inco	
PO Box 655474, M/S 39	999
Dallas, Texas 75265	
(972) 917-5633	
I further declare that all stateme	ents made herein of my own knowledge are true and that all
statements made on information and t	pelief are believed to be true; and further that these statements
were made with the knowledge that wi	Iful false statements and the like so made are punishable by fine
or imprisonment, or both under Section	n 1001 of Title 18 of the United States Code, and that such willful
statements may ieopardize the validity	of the application or any patent issuing thereon.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Name of Inventor:	Srinivasa Chakravarthy
Residence and Post Office Address:	#138, 16th Main, Banashankari I Stage, Il Block,
i i paracito di a i cat citto cartoss.	Bangalore 560 050 India
Country of Citizenship:	India
Country of Citizenship:	IIIIII
la cantada almatura:	Date:
Inventor's signature:	Value.

Pag 1 of 2

Name of Inventor: Residence and Post Office Address:	Rubin A. Parekhil B1-402 Rifco Aruna Apartments, 59 HAL Konea Agrahara Bangalore, 560 017 India		
Country of Citizenship:	India		
Inventor's signature:		Date:	
Name of Inventor: Residence and Post Office Address:	Julio C. Hernandez 19 Plushstone		
Country of Citizenship:	Rancho Santa Margarita, California 92688 USA	USA	
Inventor's signature:	Julio C. Thremby	Date:	5-2-01
Name of Inventor: Residence and Post Office Address:	Kenneth M. Butler 4700 Winter Park Drive		
•	Richardson, Texas 75082-3849 USA		
Country of Citizenship:	USA		
Inventor's signature:		Date:	

Docket No. TI-29660

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I have	ereby declare that:
My residence, post office addre	ss and citizenship are as stated below next to my name, and I
	and sole inventor if only one name is listed below, or an original,
first and joint inventor if plural inventors	are named below, of the subject matter which is claimed and
for which a patent is sought on the inve	ention entitled: USING PSEUDO-PINS IN GENERATING SCAN
TEST VECTORS FOR TESTING AN E	IMBEDDED CORE WHILE MAINTAINING THE IP CONTAINED
THEREIN, which:	
(a) X is attache	ed hereto.
(b) was filed	onas Serial No
(c) was desc	on as Serial No cribed and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19
on (if any).	
	d the contents of the above identified specification, including the
and the second s	nt specifically referred to in the oath or declaration;
	entor's certificate on this invention has been filed by me or by my
	country foreign to the United States of America;
	ose information which is material to the patentability of this
	Code of Federal Regulations Section 1.56(a);
	er Title 35, United States Code Section 120 of any United States
	s the subject matter of each of the claims of this application is
	application in the manner provided by the first paragraph of
	12, I acknowledge the duty to disclose material information as
	egulations, Section 1.58(a) which occurred between the filing date
	or PCT international filing date of this application:
As a samed importer I hamby	appoint the following attorneys to prosecute this application and
	Trademark Office connected therewith:
Practitioners at Cus	
Send correspondence and dire	ca telephone calls to:
W. Daniel Swayze, Jr.	
Texas Instruments Inco	·
PO Box 655474, M/S 3	999
Dallas, Texas 75265	
(972) 917-5833	
	ents made herein of my own knowledge are true and that all
	pelief are believed to be true; and further that these statements
	liful false statements and the like so made are punishable by fine
	n 1001 of Title 18 of the United States Code, and that such willful
statements may jeopardize the validity	of the application or any patent issuing thereon.
Name of Inventor.	Srinivasa Chakravarthy
Residence and Post Office Address:	#138, 16 th Main, Banashankari I Stage, II Block,
	Bangalore 560 050 India
Country of Citizenship:	India
Inventor's signature:	Date:
•	

Page 1 of 2

Name of Inventor: Residence and Post Office Address: Country of Citizenship:	B1-402 Rifco Aruna Apartments, 59 HAL Konea Agrahara Bangalore, 560 017 India India		
Country of Citatorianap.	Tr four-in		
Inventor's signature:	-	Date:	
Name of Inventor:	Julio C. Hemandez		
Residence and Post Office Address:	19 Piushstone Rancho Santa Margarita, California 92688	APLES	
Country of Citizenship:	USA	JUGA	
Inventor's signature:		Date:	
Name of Inventor:	Kenneth M. Butler		
Residence and Post Office Address:			
Country of Citizenship:	Richardson, Texas 75082-3849 USA USA		
Country of Chizenshap.	DCT.		
Inventor's signature:	- Senera on Sella	Date:	APRIL 30 2000

Page 2 of 2